

**CONVEYOR DEVICE HAVING DISSOCIABLE GRIPPER HEAD**

PAJ 12-01-00 00335799 JP NDN- 043-0195-8384-6

**INVENTOR(S)**- BELANGER, ROGER ROBERT; COTE, KEVIN LAUREN;  
MCKRELL, LEE RICHARD

**PATENT APPLICATION NUMBER**- 2000112402

**DATE FILED**- 2000-04-13

**PUBLICATION NUMBER**- 00335799 JP

**DOCUMENT TYPE**- A

**PUBLICATION DATE**- 2000-12-05

**PATENT PRIORITY INFO**- 99 291663, 1999-04-14, United States of America

**INTERNATIONAL PATENT CLASS**- B65H02904; B65G04786

**APPLICANT(S)**- HEIDELBERGER DRUCKMAS AG

**PUBLICATION COUNTRY**- Japan

**PROBLEM TO BE SOLVED:** To prevent the resistor error by the wrong matching of sections by providing a carrier attachment arranged in a carrier device and a section retaining dissociable gripper openly mounted on the carrier attachment for carrying the section along the carrier device.

**SOLUTION:** Carrier attachments 7 provided on first and second carrier devices 10, 11 are juxtaposed and advanced to a delivering area 12 at the same speed. The first carrier device 10 supports a dissociable gripper 1 having a section 2, and the second carrier device 11 has the empty carrier attachment 7. In the delivering area 12, the carrier attachments 7 are approached to each other so that one of the carrier attachments 7 is located on the respective side of the gripper 1. Whether the gripper 1 is stayed in the first carrier device 10 or delivered to the carrier attachment 7 of the second carrier device 11 is determined by the setting of non-engagement or engagement of a turning module 13 in the passing of the gripper 1 through a turning module 13.

**COPYRIGHT:** (C)2000,JPO